Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Percent Composition Practice Problems**

1. What is the percent composition of sulfur in sulfur dioxide (SO2)?

|  |
| --- |
|  |
| What is the percent composition of oxygen in SO2? |
|  |

1. What is the percent composition of hydrogen in methane (CH4)?

|  |
| --- |
|  |
| What is the percent composition of carbon in CH4? |
|  |

1. a) What is the percent composition of oxygen in lithium hydroxide (LiOH)?

|  |
| --- |
|  |

b) What is the percent composition of lithium in LiOH?

c) What is the percent composition of hydrogen in LiOH?

***Calculate the percentage of EACH element in the following compounds (#1-4).***

1. KNO3 K = \_\_\_\_\_\_\_\_\_\_% N = \_\_\_\_\_\_\_\_\_\_% O = \_\_\_\_\_\_\_\_\_\_%
2. H2SO4 H = \_\_\_\_\_\_\_\_\_\_% S = \_\_\_\_\_\_\_\_\_\_% O = \_\_\_\_\_\_\_\_\_\_%
3. C2H5OH C = \_\_\_\_\_\_\_\_\_\_% H = \_\_\_\_\_\_\_\_\_\_% O = \_\_\_\_\_\_\_\_\_\_%
4. C6H5NH2 C = \_\_\_\_\_\_\_\_\_\_% H = \_\_\_\_\_\_\_\_\_\_% N = \_\_\_\_\_\_\_\_\_\_%